

1 / 10

FIG. 1

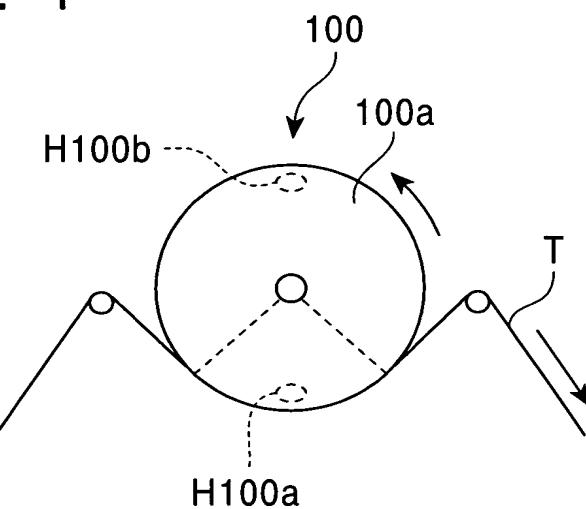


FIG. 2

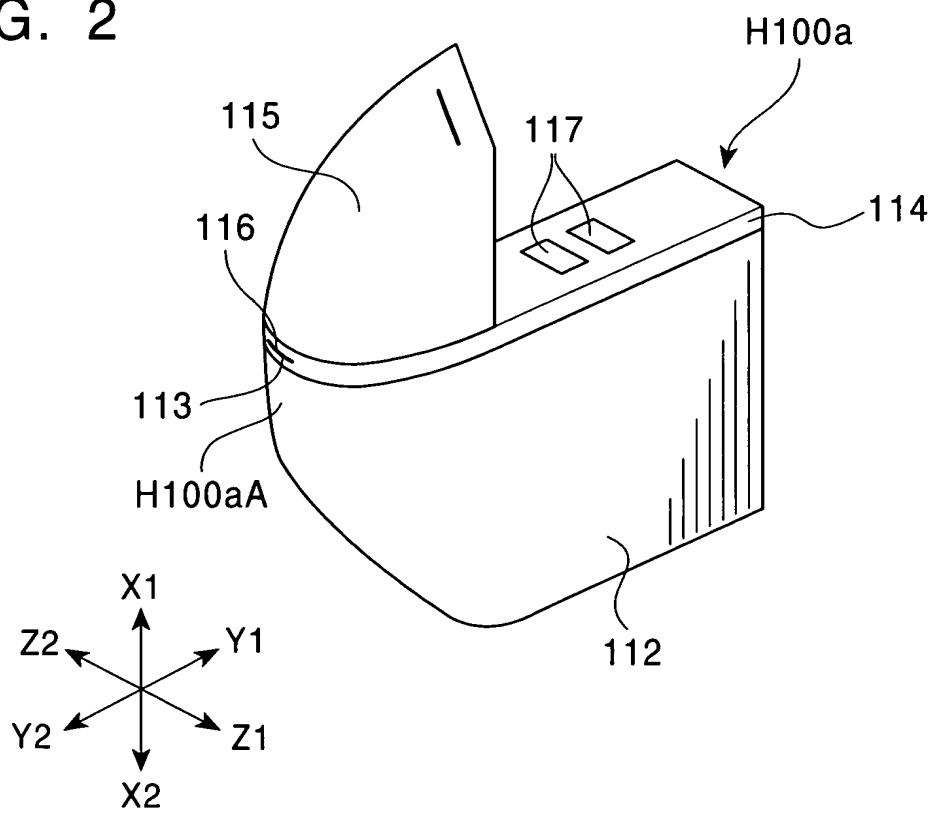
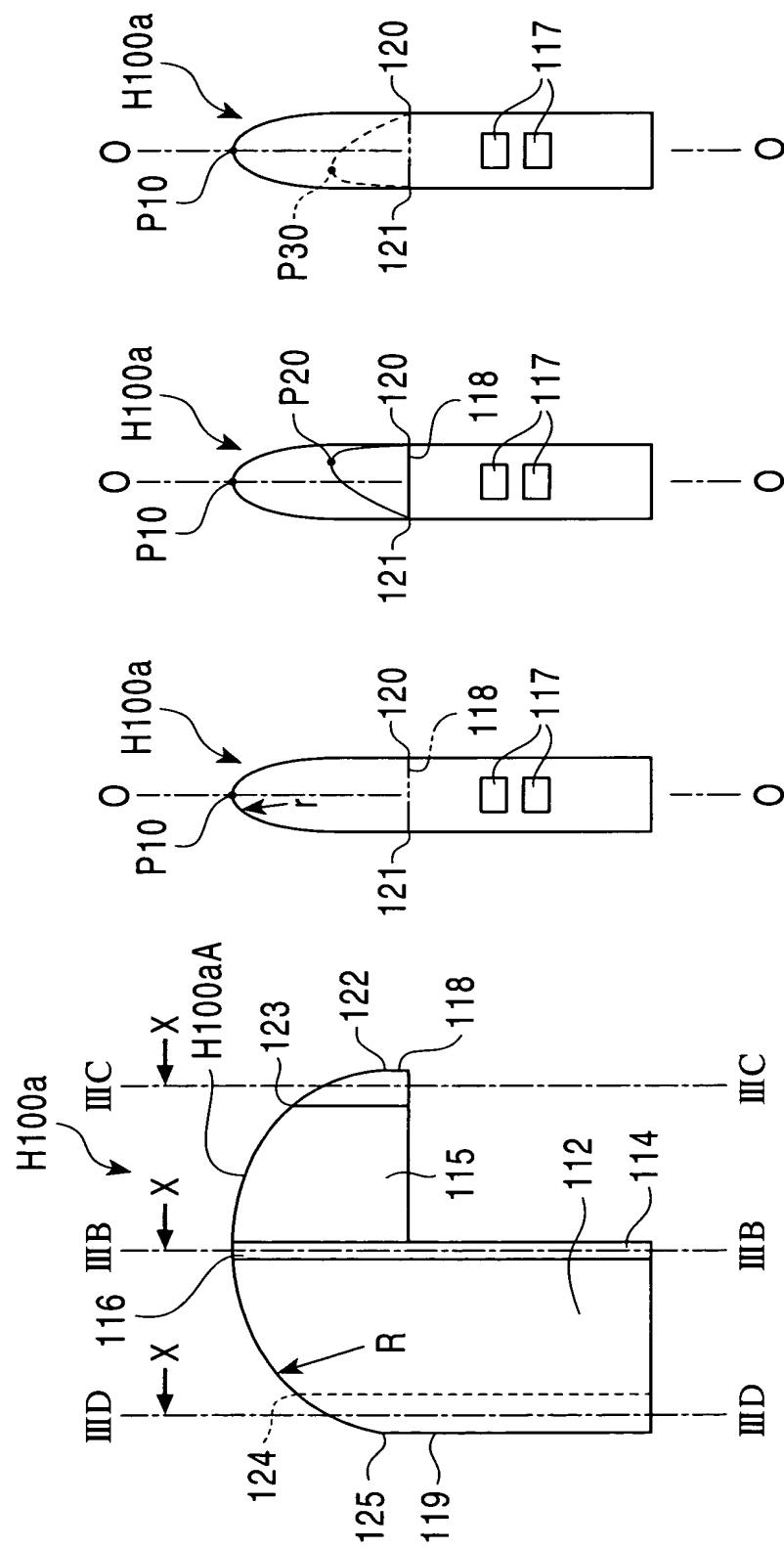
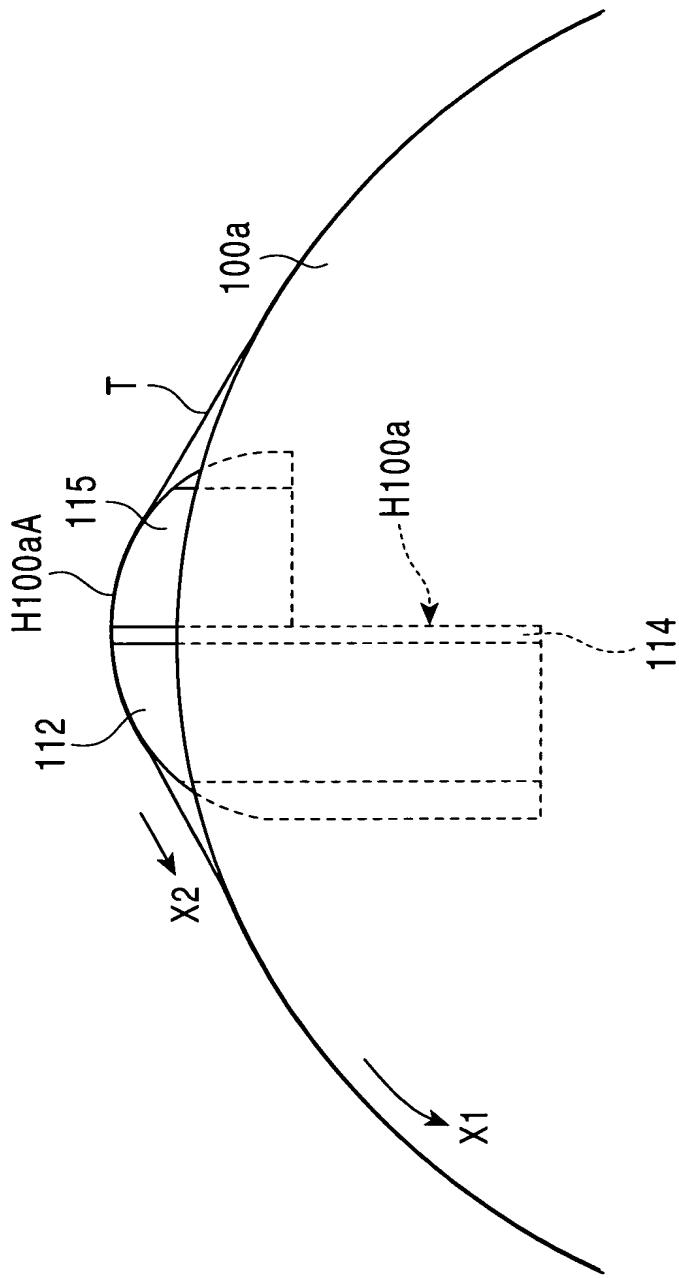


FIG. 3A FIG. 3B FIG. 3C FIG. 3D



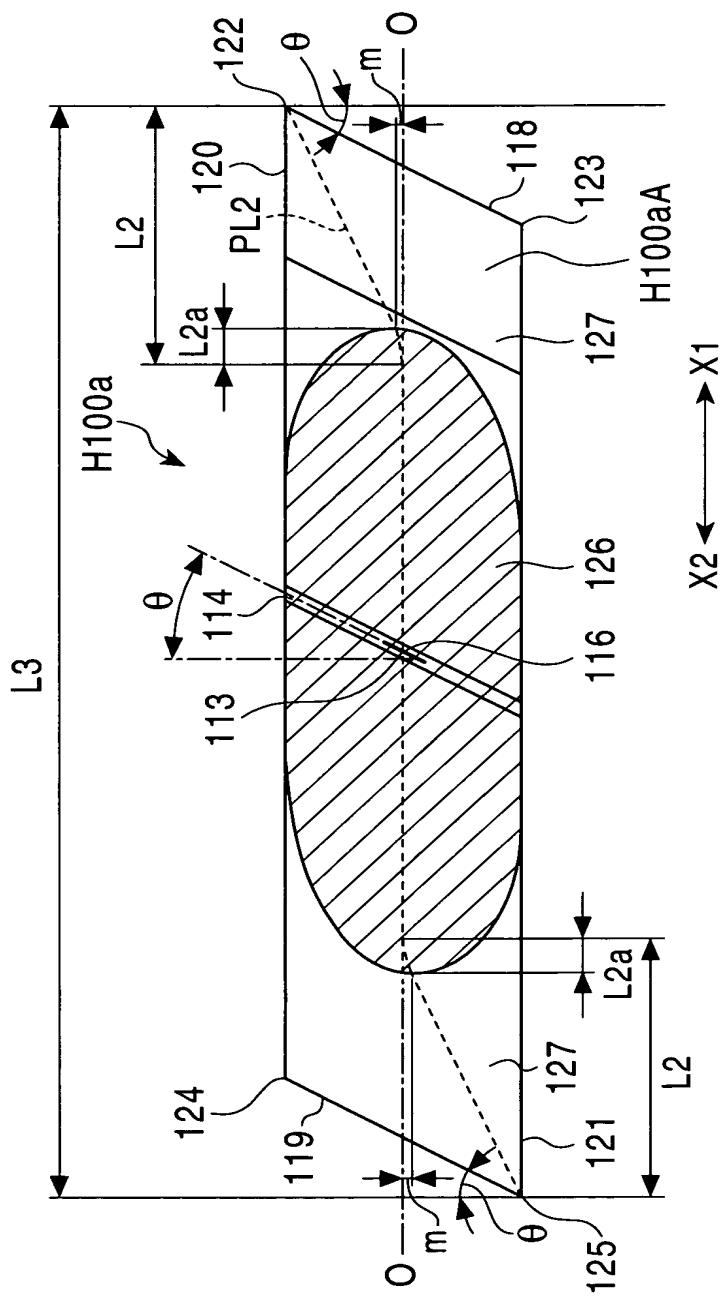
3 / 10

FIG. 4



4 / 10

FIG. 5

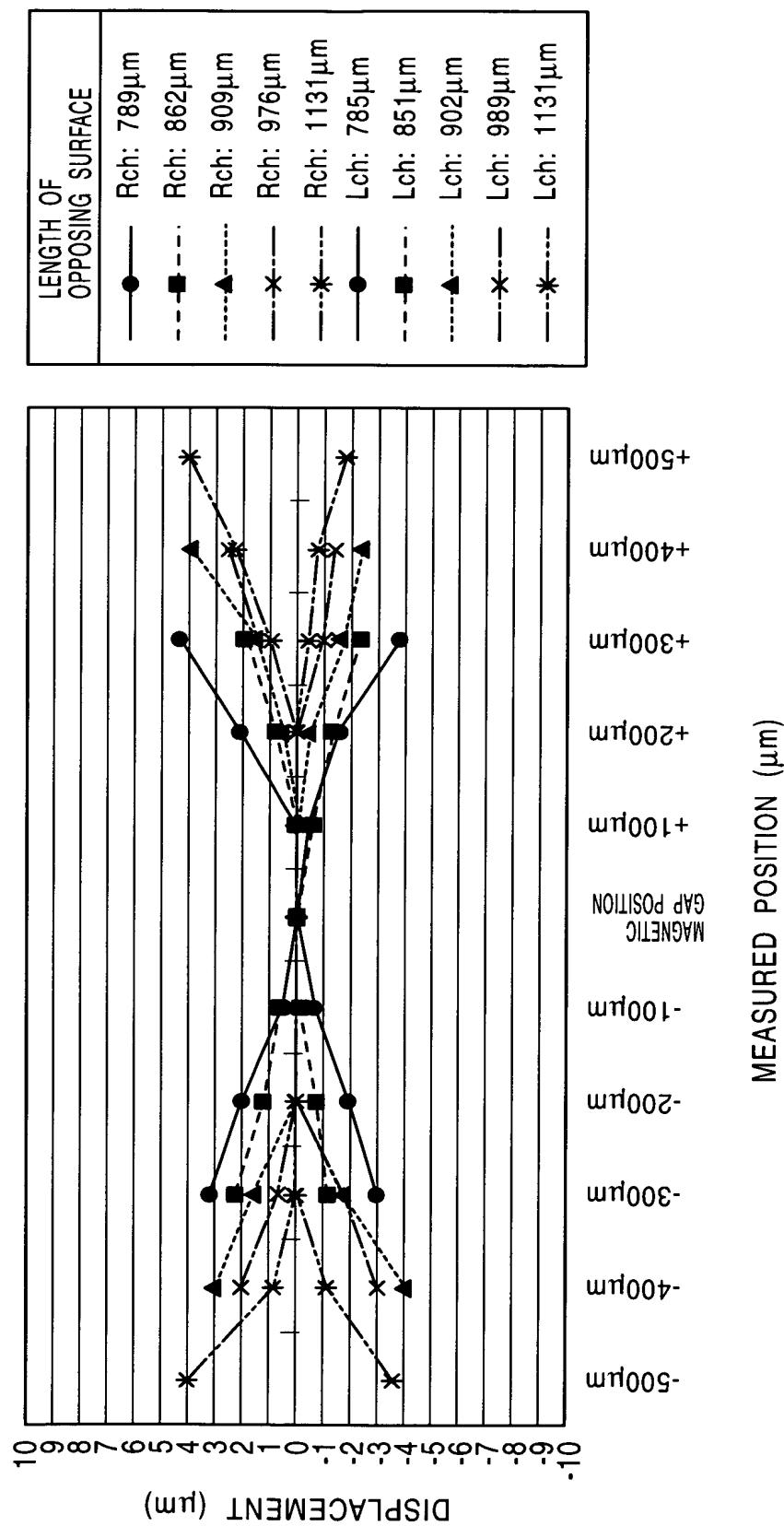


5 / 10

FIG. 6

LENGTH OF OPPOSING SURFACE	MEASURED POSITION							UNIT (μm)
	-500μm	-400μm	-300μm	-200μm	-100μm	MAGNETIC GAP POSITION	+100μm	
Rch: 789μm			-3.0	-1.8	-0.6	0.0	0.0	2.2
Rch: 862μm			-1.2	-0.8	0.0	0.0	0.0	0.8
Rch: 909μm	-4.0	-1.6	0.0	0.0	0.0	0.0	0.8	2.0
Rch: 976μm	-3.0	-1.6	0.0	0.0	0.0	0.0	0.6	1.6
Rch: 1131μm	-3.6	-1.1	0.0	0.0	0.0	0.0	0.6	2.6
Lch: 785μm			3.2	2.0	0.5	0.0	-0.4	1.0
Lch: 851μm			2.4	1.2	0.6	0.0	-0.6	-3.8
Lch: 902μm	3.0	1.6	0.0	0.0	0.0	0.0	-0.4	-2.4
Lch: 989μm	2.0	0.6	0.0	0.0	0.0	0.0	0.0	-1.8
Lch: 1131μm	4.0	0.8	0.0	0.0	0.0	0.0	-0.3	-2.4

FIG. 7



7 / 10

FIG. 8
PRIOR ART

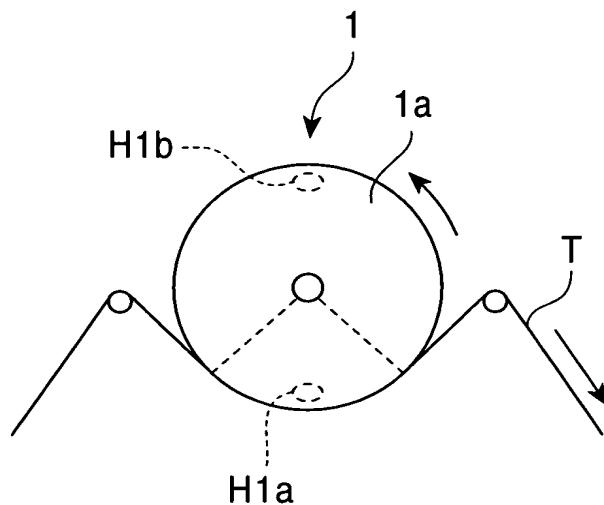
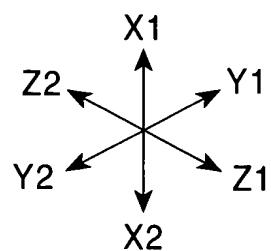
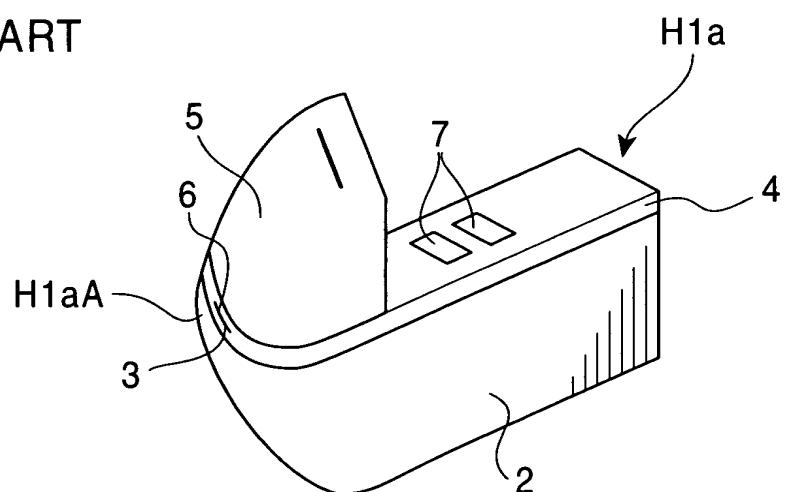


FIG. 9
PRIOR ART



8 / 10

FIG. 10A PRIOR ART

FIG. 10B PRIOR ART

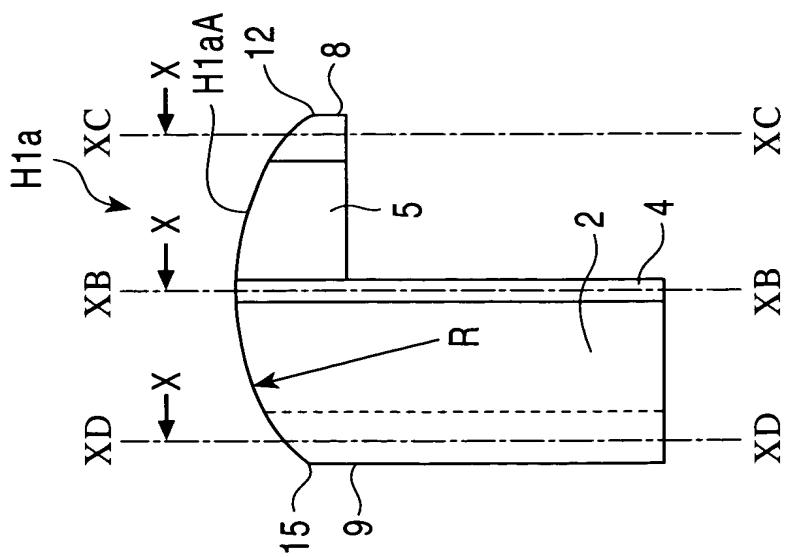


FIG. 10C
PRIOR ART

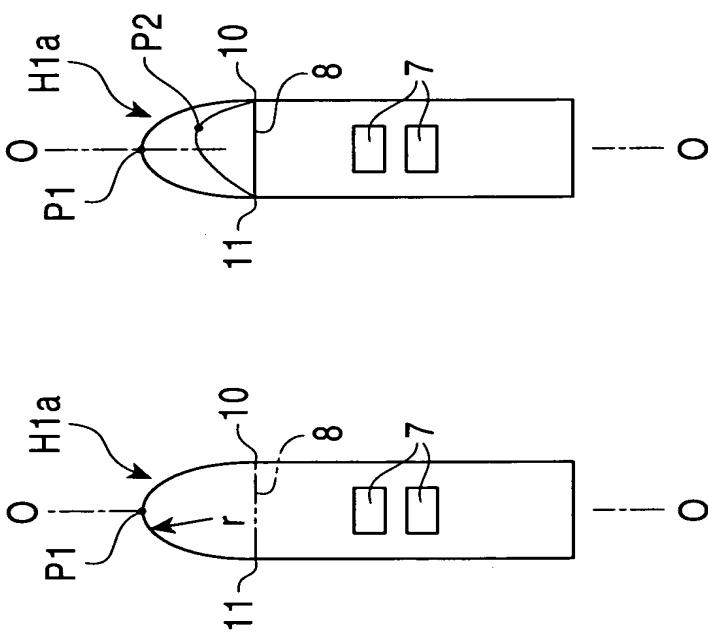
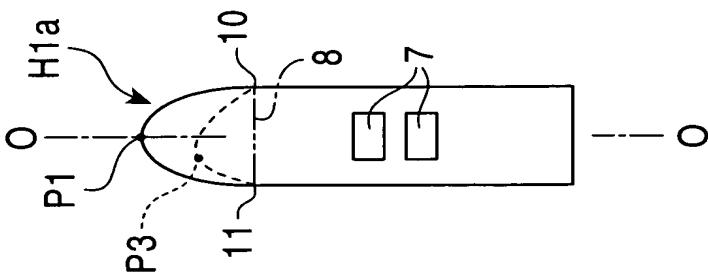
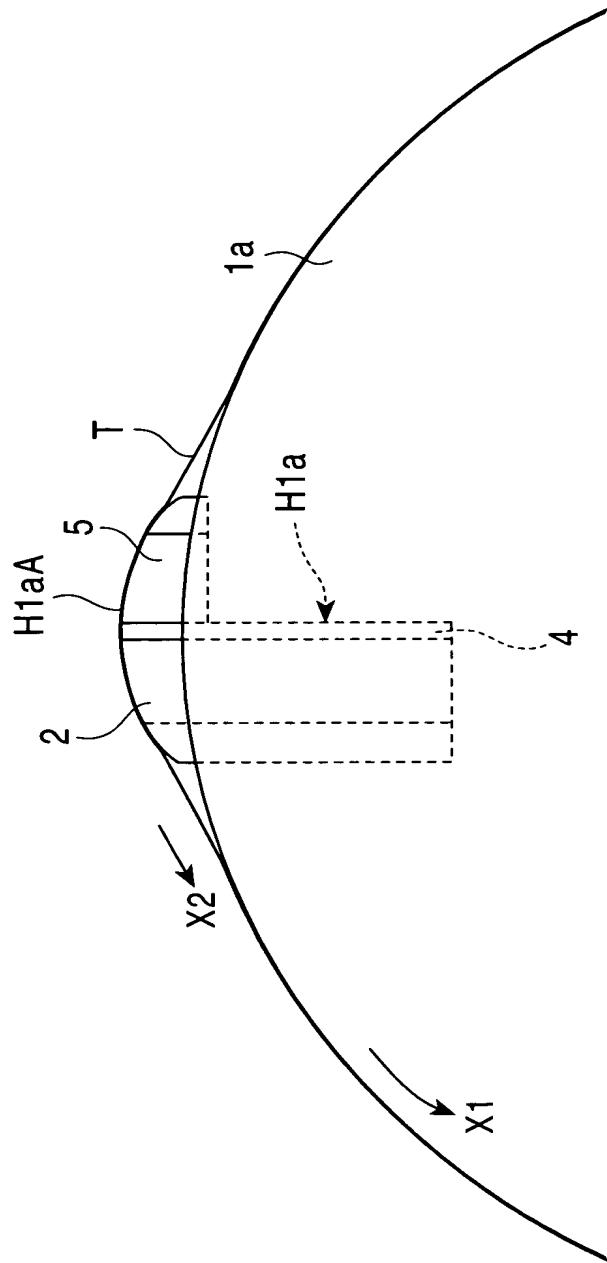


FIG. 10D
PRIOR ART



9 / 10

FIG. 11
PRIOR ART



10 / 10

FIG. 12 PRIOR ART

